

3-6437285-2 ✓ ACTIVE

AMP | SUPERSEAL 1.0mm

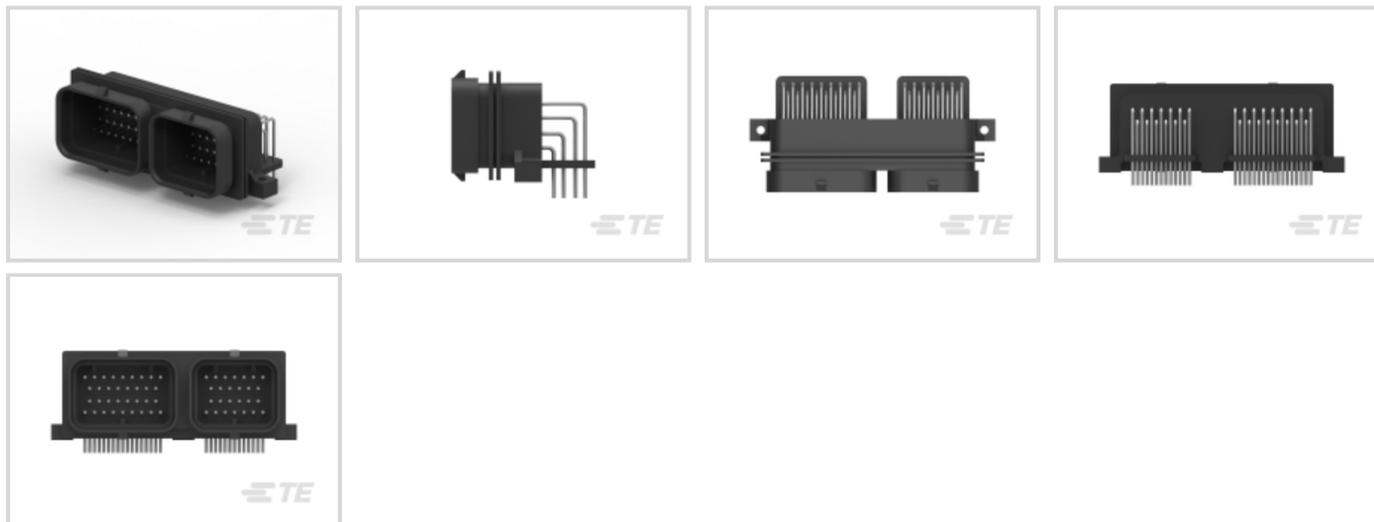
TE Internal #: 3-6437285-2

Right Angle, Wire-to-Board / Wire-to-Device, 60 Position, 4 Row,
3mm / 3.5mm [.118in / .138in] Centerline, Gold (Au), Sealable,
SUPERSEAL 1.0mm

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Automotive Parts > Automotive Connectors > Automotive Headers > SUPERSEAL 1.0 Connector Headers



PCB Mount Orientation: **Right Angle**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **Yes**

Centerline (Pitch): **3 mm, 3.5 mm [.118 in, .138 in]**

Connector System: **Wire-to-Board, Wire-to-Device**

[All SUPERSEAL 1.0 Connector Headers \(39\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-------------------------------|
| Connector Product Type | Connector Assembly |
| Mixed & Hybrid Header | No |
| Header Type | Fully Shrouded |
| Connector Shape | Rectangular |
| Sealable | Yes |
| Connector System | Wire-to-Board, Wire-to-Device |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|-------------|
| Number of Signal Positions | 60 |
| PCB Mount Orientation | Right Angle |
| Number of Positions | 60 |
| Number of Rows | 4 |



Electrical Characteristics

| | |
|------------------------------|-------------------------------|
| Operating Voltage | 250 VDC |
| Voltage Rating (Max) | 250 VDC |
| Nominal Voltage Architecture | 12 V, 24 V, 42 V, 48 V, 240 V |

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|--------------------------------------|----------------|
| Mating Pin Diameter | 1 mm [.039 in] |
| Contact Type | Pin |
| Contact Mating Area Plating Material | Gold (Au) |

Termination Features

| | |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

| | |
|-------------------------|-------------------|
| Panel Mount Feature | Without |
| Mating Retention Type | Locking Interface |
| PCB Mount Retention | Without |
| Mounting Holes | With |
| Mating Alignment | With |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|----------------------------------|
| Centerline (Pitch) | 3 mm, 3.5 mm [.118 in] [.138 in] |
|--------------------|----------------------------------|

Dimensions

| | |
|-------------------------|-------------------|
| Connector Width | 23 mm [.906 in] |
| Profile Height from PCB | 21.4 mm [.843 in] |
| Connector Length | 78 mm [3.07 in] |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature (Max) | 125 °C [257 °F] |
| Operating Temperature Range | -40 – 125 °C [-40 – 257 °F] |

Operation/Application

| | |
|----------|----|
| Shielded | No |
|----------|----|



Industry Standards

| | |
|-----------|-----------|
| IP Rating | JIS D0203 |
|-----------|-----------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 320 |
| Packaging Method | Box |

Product Compliance

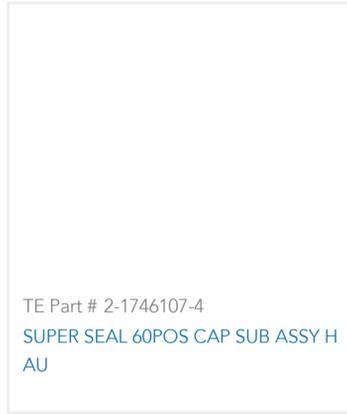
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable for solder process capability |

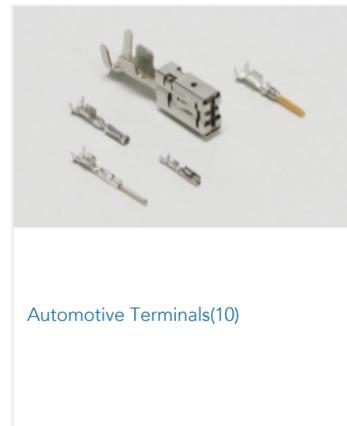
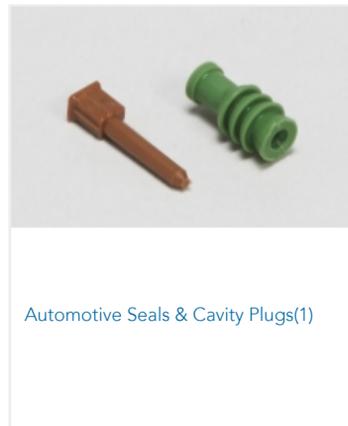
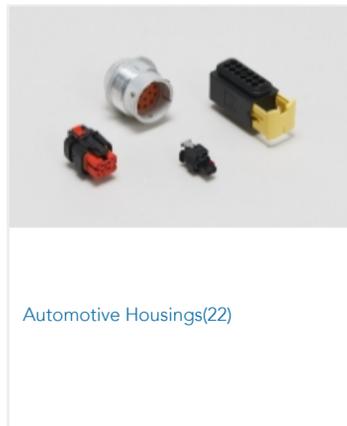
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Also in the Series | **SUPERSEAL 1.0mm**



Customers Also Bought



Documents

Product Drawings

[SUPER SEAL 60POS CAP ASSY H AU](#)

Japanese

[SUPER SEAL 60POS CAP ASSY H AU](#)

English

CAD Files



Customer View Model

[ENG_CVM_CVM_3-6437285-2_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-6437285-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-6437285-2_D.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ICT Terminals and Connectors Catalogue](#)

English

Product Specifications

[Application Specification](#)

English

[Super Seal Connector](#)

Japanese

[Application Specification](#)

Japanese

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

SUPER SEAL CONNECTOR PLUG HOUSING CONNECTOR

English

Agency Approvals

[UL Report](#)

English